S. R	SOUTHW	<b>EST RESEA</b> 6220 Culebra Road, P.O Institute Quality Institute Calibration	RCH INSTITUTE <sup>®</sup> Drawer 28510 Systems Laboratory				
R	I	Phone: 210-522-5215 Fa	x 210-522-4834	Calibration Laboratory			
	Certificate of Calibration						
Submitted By	: DIV20 : B57		Work Order: 30 Date Issued: Jar	2078511 1 24 2008			
Contact	DON BANNON	Calibration Date: Jar	Calibration Date: Jan 24, 2008				
Manufacturer / Model	: ORION / 720A		*Calibration Due: Jan	n 24, 2009			
Description	: PH/ION METER		Calibration Location: Bldg. 64				
Serial No: 003368			Environment: Temp. 70.0°F Hum. 50 %RH				
Asset No: 001441			**Data Type: FOUND-LEFT				
Procedure	PH METERS MV ONL	2Y - 11 SEP 07	DiviD/Location:				
f this calibration relate only Determined by the customen his date. **Found/Left = ad etermination of in-/out-of-tc eported uncertainty calculat ncertainty with a coverage f	to the instrument described , does not imply the instrum justment and/or repair was n lerance or compliance/nonce ed in accordance with the IS actor of k=2 to approximate	above at the time of calibration ot required, As Left = adjusted ompliance. See Remarks or at 60 "Guide to the Expression of a 95% confidence level.	n and does not imply any long term stability of a and does not imply any long term stability of a and/or repaired was required. The client has tached Measurement Report with the same W f Uncertainty in Measurement" (GUM) and re	-of-tolerance condition before s sole responsibility for /ork Order number for data.			
<b>Remarks:</b> Millivolts calibrat	ed only.						
standards Used	Manufacturar	Model	Decoviation	Cal Due			
0182 520003	FLUKE	5700A/EP	CALIBRATOR	Feb 12, 08			
	e and	1	Man				

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## Southwest Research Institute Calibration Laboratory Measurement Report

Work Order:	303078511	Mfr.	Orion		Technician	Mark Romero
Asset No.	001441	Model	720A			
Serial No.	003368	Type.	pH Meter		Cal Date.	24-Jan-08
Remarks:		<u> </u>				
			CAL: Millivolts On	V		
				y		
Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
mVolts	mVolts	mVolts	mVolts	mVolts	mVolts	Result
Input 1	0.0	0.0	0.0	0.5	0.12	Pass
	1000.0	1000.0	0.0	1.0	0.12	Pass
	-1000.0	-1000.1	-0.1	1.0	0.12	Pass
mVolts	mVolts	mVolts	mVolts	mVolts	mVolts	
Input 2	0.0	0.1	0.1	0.5	0.12	Pass
·	1000.0	1000.1	0.1	1.0	0.12	Pass
	-1000.0	-1000.1	-0.1	1.0	0.12	Pass
		END	OF REPORT			

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